

Dear all,

On the occasion of the release of SATLAS 2, we would like to invite you to a presentation on the SATLAS software by Bram van den Borne, KU Leuven on 12th May 2023, 14.00 at CERN.

Place: CERN, Room 1/1-025

On-line participation is also possible via Zoom. The link can be found on the indico page.

SATLAS is a Python package for the analysis of hyperfine structure spectra from laser spectroscopy. The first version of the package was released in 2018 [Computer Physics Communications 222, 286-294 (2018)] and was quickly adopted by the community. SATLAS 2 (<https://iks-nm.github.io/satlas2/>), released in 2023, is a new version of SATLAS, built with a simpler structure and offers speedup of a factor 20-200 for fast simultaneous fitting of multiple spectra.

The presentation will be followed by a hands-on session with prepared examples, for which the participants are encouraged to bring their laptops. An assistance clinic for the use of SATLAS 2 on specific cases relevant to the participants' data sets can take place after the hands-on session, in case of interest.

Bram van den Borne and Wouter Gins

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